

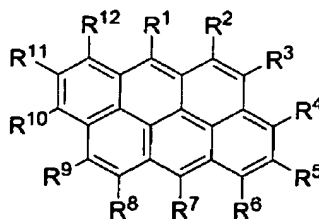
Appl. No. 10/807,099  
Amdt. Dated, 22 June 2006  
Reply to Office Action of 24 March 2006

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

**Claim 1 (Currently amended).** An organic EL device, comprising an anode and a cathode, and at least one organic luminescent layer doped with a non-aggregate luminescent [a] compound of the formula:



positioned between said anode and said cathode, and wherein:

R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup>, R<sup>6</sup>, R<sup>7</sup>, R<sup>8</sup>, R<sup>9</sup>, R<sup>10</sup>, R<sup>11</sup> and R<sup>12</sup> are individual substituents, each substituent is an individual group selected from the group consisting of hydrogen, halogens, and groups that contain 1 to 48 carbon atoms, and at least one group is not hydrogen, further, R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup>, R<sup>6</sup>, R<sup>7</sup>, R<sup>8</sup>, R<sup>9</sup>, R<sup>10</sup>, R<sup>11</sup> and R<sup>12</sup> is not an arylamino group.

**Claim 2 (Currently amended).** The EL device according to [compound of the claim] Claim 1, comprising said compound wherein R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup>, R<sup>6</sup>, R<sup>7</sup>, R<sup>8</sup>, R<sup>9</sup>, R<sup>10</sup>, R<sup>11</sup> and R<sup>12</sup> is the individual group consisting of hydrogen, or alkyl of from 1 to 48 carbon atoms, and R<sub>2</sub> and R<sub>3</sub>, R<sub>5</sub> and R<sub>6</sub>, R<sub>8</sub> and R<sub>9</sub>, R<sub>11</sub> and R<sub>12</sub> can connect to form a 5 or 6 member ring system.

**Claim 3 (Currently amended).** The EL device according to [compound of the claim] Claim 1, comprising said compound wherein R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup>, R<sup>6</sup>, R<sup>7</sup>, R<sup>8</sup>, R<sup>9</sup>, R<sup>10</sup>, R<sup>11</sup> and R<sup>12</sup> is the individual group consisting of aryl or substituted aryl of from 5 to 48 carbon atoms, or 4 to 48 carbon atoms necessary to complete a fused aromatic ring of naphthenyl, anthracenyl, pyrenyl, or perylenyl.

**Claim 4 (Currently amended).** The EL device according to [compound of the claim] Claim 1, comprising said compound wherein R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup>, R<sup>6</sup>, R<sup>7</sup>, R<sup>8</sup>, R<sup>9</sup>, R<sup>10</sup>, R<sup>11</sup> and R<sup>12</sup> is the individual group consisting of heteroaryl or substituted heteroaryl of from 5 to 24 carbon atoms, or 4 to 48

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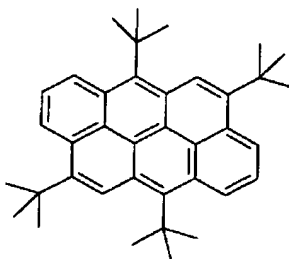
carbon atoms necessary to complete a fused heteroaromatic ring of furyl, thienyl, pyridyl, quinolinyl or heterocyclic system.

**Claim 5 (Currently amended).** The EL device according to [compound of the claim] Claim 1, comprising said compound wherein  $R^1, R^2, R^3, R^4, R^5, R^6, R^7, R^8, R^9, R^{10}, R^{11}$  and  $R^{12}$  is the individual group consisting of alkoxy, amino, alkyl amino, dialkyl amino, or diaryl amino of from 1 to 24 carbon atoms.

**Claim 6 (Currently amended).** The EL device according to [compound of the claim] Claim 1, comprising said compound wherein  $R^1, R^2, R^3, R^4, R^5, R^6, R^7, R^8, R^9, R^{10}, R^{11}$  and  $R^{12}$  is the individual group consisting of F, Cl, Br, I, CN, NCS, NCO,  $B(OH)_2$ ,  $B(OCH_2CH_2O)$ ,  $B[OC(CH_3)_2C(CH_3)_2O]$ ,  $SO_2 R^{13}$ ,  $SO_3 R^{14}$ ,  $SO_2 NR_2$ ,  $SiR_3$ ,  $SiHR_2$ ,  $SiR_2OH$ , where R,  $R^{13}$  and  $R^{14}$  is hydrogen, chlorine, bromine, alkyl group containing 1-12 carbon atoms, or aryl.

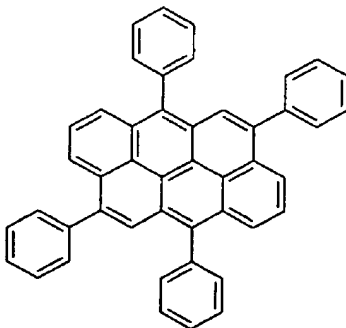
**Claim 7 (Currently amended).** The EL device according to [compound of the claim] Claim 1, comprising said compound wherein  $R^1, R^2, R^3, R^4, R^5, R^6, R^7, R^8, R^9, R^{10}, R^{11}$  and  $R^{12}$  is the individual group consisting of a group of formula  $-L(CH_2)_n R^{15}$  where n is 0 to 12,  $R^{15}$  is a hydrogen, hydroxy, amino, alkylamino, dialkylamino,  $-COR^{16}$  or  $-COOR^{17}$  where  $R^{16}$  is a hydrogen, chlorine, COCl, alkyl group containing 1-12 carbon atoms,  $-NR_2$ ,  $-NHR$  or aryl and  $R^{17}$  is a hydrogen, alkyl group containing 1-12 carbon atoms, aryl, COR, 2,4-dinitrophenyl, N-imido or  $-NR_2$  and L is a direct bond or C=O.

**Claim 8 (Original).** The EL device according the claim 1, wherein said compound is:

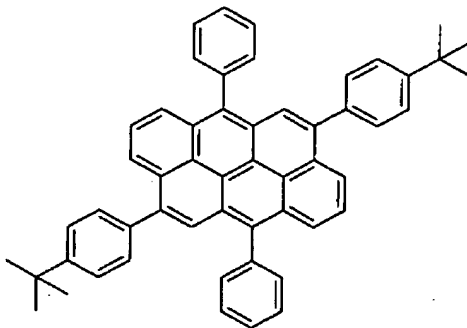


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**Claim 9 (Original).** The EL device according to the claim 1, wherein said compound is:



**Claim 10 (Original).** The EL device according to the claim 1, wherein said compound is:



**Claim 11 (Original).** The EL device according to the claim 1, wherein said compound is:

